

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/CL/2003/00045

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7— A01D34/68 — A01D34/69 — A01D34/10 — A01D34/47 — B62D7/02
A01B51/02

According to International Patent Classification (IPC) or to both national classification and IPC:

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01D B62D A01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 090 185 A (MEEKS EARL L) 25 February 1992 (1992-02-25) column 4, line 9 - line 49 column 3, line 50 - line 60; figures	1,2,4,6, 7,10-12
A	US 4 964 265 A (YOUNG CARL W) 23 October 1990 (1990-10-23) cited in the application column 2, line 37 - line 46 column 3, line 3 - line 42; figures	1,2,4,6, 11,12
A	DE 43 03 342 A (BAUMANN R & CO) 11 August 1994 (1994-08-11) column 4, line 59 - column 6, line 7; figures	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 December 2003

Date of mailing of the international search report

09/12/2003

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Application No.
PCT/03/00045

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 029 431 A (DOWLER DAVID ET AL) 29 February 2000 (2000-02-29) column 7, line 26 - line 50; figures 1-5	1
A	US 5 667 032 A (KAMLUKIN IGOR) 16 September 1997 (1997-09-16) figures	1
A	US 4 041 678 A (CHANEY RAY OWEN ET AL) 16 August 1977 (1977-08-16) the whole document	1
A	US 3 839 610 A (HARLOW H) 1 October 1974 (1974-10-01) the whole document	1
A	US 4 318 266 A (TAUBE MAX) 9 March 1982 (1982-03-09) cited in the application column 1, line 12 - line 15	11,12
A	US 2 698 507 A (SIEBRING BARTON G) 4 January 1955 (1955-01-04) cited in the application column 1, line 15 - line 20	11,12

INTERNATIONAL SEARCH REPORT

International Application No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 4964265	A	23-10-1990	NONE	
DE 4303342	A	11-08-1994	DE 4303342 A1	11-08-1994
US 6029431	A	29-02-2000	AU 706569 B2	17-06-1999
			AU 3986295 A	17-06-1996
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US 5667032	A	16-09-1997	NONE	
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